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INFANT, FETAL, AND MATERNAL MORTALITY

In the past ten years, Idaho's infant mortality rate fluctuated between record low rates in 1995 and 2002 (6.1 per 1,000 live births) and a high rate of 7.5 in 2000. In 2003, there were 138 infant deaths and the rate increased 3 percent, to 6.3 per 1,000 live births. Considering the small size of the data base, some irregularity is not unusual. The graph on the following page illustrates the trend of Idaho's infant death rates as a one- to two-year "up-and-down" cycle.

Neonatal and postneonatal death rates also produce yearly changes in Idaho. In 2003, the neonatal mortality rate decreased from 4.0 to 3.8; the postneonatal rate increased from 2.1 in 2002 to 2.6 in 2003.

The preliminary infant mortality rate in the U.S. for 2003 decreased to 6.9 per 1,000 live births compared with 7.0 in 2002. Except for an increase in the national rate from 2001 to 2002, the infant mortality rate has either decreased or remained level each successive year between 1958 and 2001. The increase in the rate in 2002 was concentrated among neonates born weighing less than 750 grams¹.

District 3 and District 5 experienced the highest infant mortality rates in 2003 at 7.3, while District 4 had the second-highest rate (6.9). District 1 had the lowest rate in 2003 (4.0). Neonatal mortality ranged from 1.8 in District 1 to 4.7 in District 7; the postneonatal mortality was lowest in District 7 (0.6) and highest in District 5 (4.8).

There were 48 deaths for the general infant death category, "Certain conditions originating in the perinatal period." This category includes such conditions as low birth weight and infections specific to the perinatal period. In ranking the leading causes of infant deaths, however, the conditions within this general category are used to determine leading causes of death, rather than the general category. The leading single cause of Idaho infant deaths in 2003 was Congenital malformations, deformations and chromosomal abnormalities (35 deaths, 160.6 deaths per 100,000 live births). Sudden infant death syndrome (SIDS) was the second leading cause of infant deaths, with 19 deaths, 87.2 per 100,000 live births, an increase of 41 percent from in 2002.

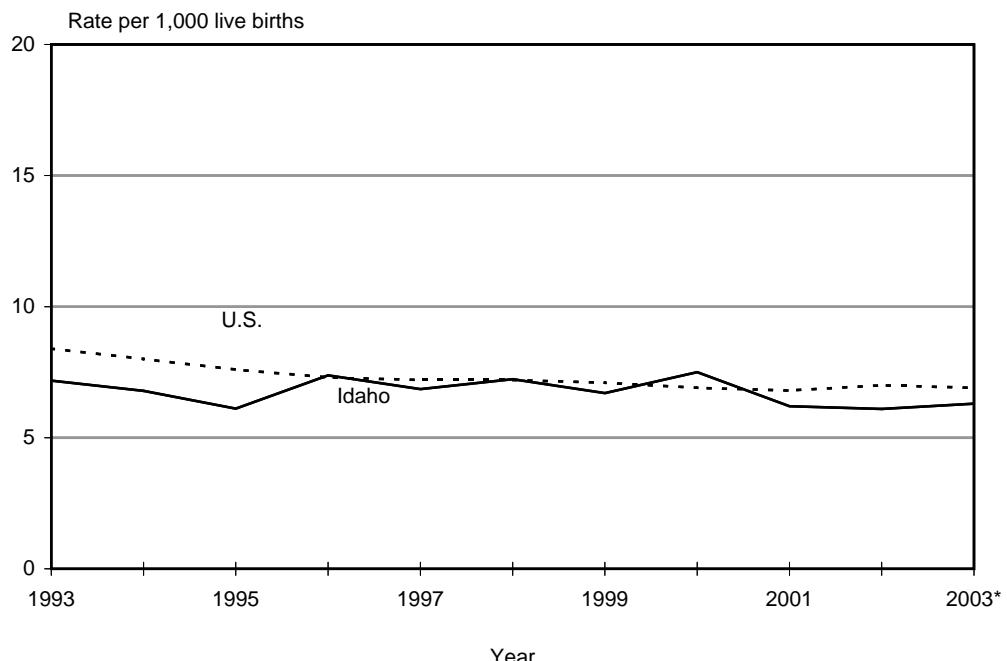
The leading single cause of neonatal mortality remained Congenital malformations, deformations and chromosomal abnormalities, with a neonatal death rate of 123.9. SIDS was the leading single cause of death for infants aged 28 days through 11 months, at 78.0 (postneonatal rate) and accounted for 30 percent of all postneonatal deaths. Accidents was the second-leading cause of postneonatal mortality at 41.3 per 100,000 live births.

Because infant deaths provide a small data base that tends to fluctuate or produce abnormally high rates in small counties, moving three-year rates have been calculated. See table for three-year infant mortality rates by district and county, from 1992-1994 through 2001-2003; the overall trends are more readily apparent.

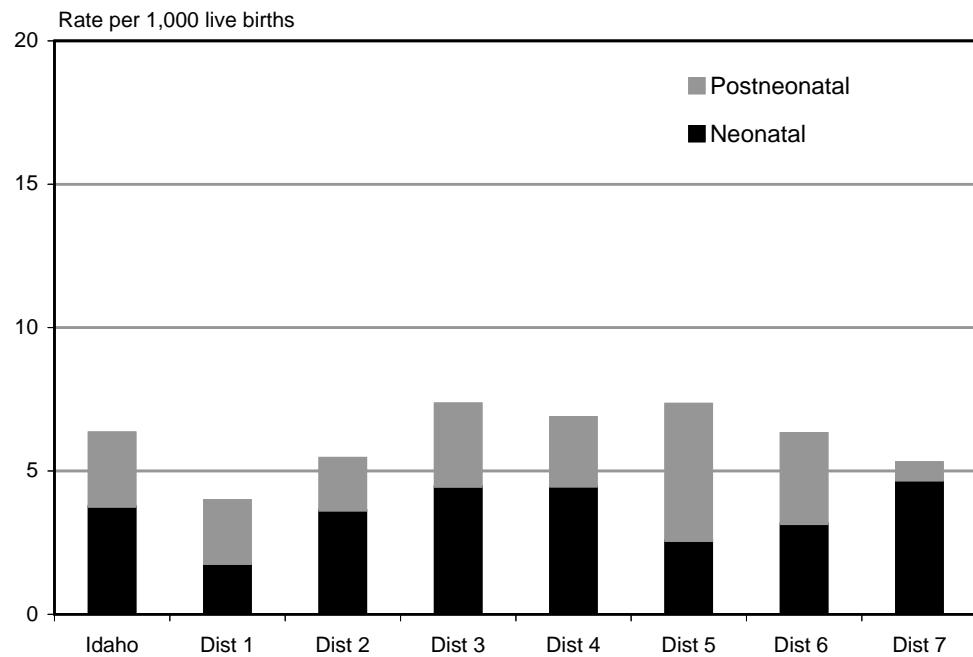
In 2003, there were three maternal deaths to Idaho residents; two were Canyon County residents, and one was a resident of Bingham County. Maternal causes of death include pregnancies with an abortive or live outcome and include direct and indirect obstetric causes and complications. The World Health Organization defines maternal death as "the death of a woman while pregnant or within 42 days of pregnancy or its management, but not from accidental or incidental causes." Included in these deaths are ICD-10 codes A34, O00-O95, and O98-O99¹.

1. "Deaths: Preliminary Data for 2003," *National Vital Statistics Reports*, National Center for Health Statistics, Vol. 53, No. 15, February 28, 2005.

U.S., IDAHO INFANT DEATH RATES 1993-2003



IDAHO, DISTRICT INFANT DEATH RATES Neonatal and Postneonatal 2003



IDAHO RESIDENT INFANT DEATHS
Number of Infant Deaths and Rates
1999-2003

RESIDENCE	2003		2002		2001		2000		1999	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
U.S. Rates	6.9 (Preliminary)		7.0		6.8		6.9		7.1	
IDAHO	138	6.3	127	6.1	129	6.2	152	7.5	134	6.7
District 1	9	4.0	14	6.3	17	7.4	17	7.4	21	9.3
District 2	6	5.4	3	2.5	8	7.0	5	4.6	12	10.5
District 3	28	7.3	27	7.3	23	6.4	28	8.4	18	5.6
District 4	40	6.9	35	6.3	24	4.4	38	6.9	32	5.9
District 5	20	7.3	17	6.7	20	7.6	29	11.2	20	7.9
District 6	18	6.3	16	5.7	17	6.3	15	5.4	16	5.8
District 7	17	5.3	15	5.1	20	7.1	20	7.5	15	5.7
Ada	36	7.0	32	6.5	19	3.9	34	7.0	26	5.5
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	13	8.9	9	6.3	9	6.5	9	6.5	9	6.5
Bear Lake	2	26.0	-	-	-	-	-	-	-	-
Benewah	1	8.6	1	9.0	-	-	2	17.1	2	16.4
Bingham	2	2.6	4	5.4	5	6.6	4	5.0	3	4.2
Blaine	5	18.8	1	3.5	3	10.9	2	8.2	1	4.7
Boise	-	-	-	-	-	-	-	-	1	11.4
Bonner	3	8.1	4	10.1	4	10.1	2	5.4	2	5.5
Bonneville	8	4.8	5	3.2	7	4.8	9	6.4	11	7.9
Boundary	-	-	-	-	1	8.1	-	-	-	-
Butte	-	-	-	-	1	22.7	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	21	7.1	18	6.2	19	7.0	15	6.0	15	6.3
Caribou	1	8.8	-	-	-	-	1	9.7	1	7.7
Cassia	3	7.8	2	5.3	4	10.4	4	9.9	3	7.7
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	1	13.2	-	-	1	13.3
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	4	7.1	3	6.0	4	7.8	3	5.7	5	9.6
Franklin	-	-	3	13.1	2	9.3	1	5.0	2	8.7
Fremont	3	13.3	4	19.4	1	4.7	1	5.1	-	-
Gem	2	9.6	2	10.8	-	-	-	-	1	5.1
Gooding	1	3.9	4	17.1	-	-	2	8.5	2	9.0
Idaho	-	-	-	-	1	6.5	2	13.1	-	-
Jefferson	4	10.6	1	2.9	6	16.9	3	8.1	1	3.0
Jerome	3	9.1	1	3.1	1	3.1	3	9.1	2	6.0
Kootenai	4	2.6	7	4.8	11	7.3	10	6.6	13	8.7
Latah	4	10.1	2	4.4	3	7.2	-	-	5	12.0
Lemhi	-	-	-	-	1	13.2	2	35.7	-	-
Lewis	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	1	15.2	-	-	-	-	-	-
Madison	2	3.0	3	5.0	5	9.9	3	6.5	2	4.3
Minidoka	1	2.9	1	3.3	9	25.7	5	14.5	6	17.3
Nez Perce	2	4.5	1	2.2	3	6.5	3	7.2	6	13.2
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	2	11.4	3	16.9	1	5.1	4	23.4	-	-
Payette	2	6.2	4	13.5	2	6.2	5	16.5	2	7.1
Power	-	-	-	-	-	-	-	-	1	9.0
Shoshone	1	7.8	2	17.2	1	7.6	3	19.2	4	25.3
Teton	-	-	2	14.7	-	-	2	16.5	1	9.3
Twin Falls	7	6.6	7	7.3	3	3.0	13	13.7	6	6.4
Valley	-	-	-	-	1	13.2	1	16.7	-	-
Washington	1	8.4	-	-	1	7.8	4	26.0	-	-

Infant death rate: Number of deaths of infants under one year of age per 1,000 live births.

IDAHO RESIDENT INFANT DEATHS
Sex and Race/Ethnicity of Infant
2003

RESIDENCE	TOTAL DEATHS	SEX		RACE						HISPANIC*
		Male	Female	White	Black	Native American	Asian/Pacific Islander	Other Race	Not Stated	
IDAHO	138	70	68	129	1	1	-	6	1	23
District 1	9	5	4	9	-	-	-	-	-	-
District 2	6	3	3	6	-	-	-	-	-	-
District 3	28	14	14	27	-	-	-	1	-	5
District 4	40	23	17	36	1	-	-	3	-	4
District 5	20	6	14	19	-	-	-	1	-	9
District 6	18	9	9	16	-	1	-	-	1	1
District 7	17	10	7	16	-	-	-	1	-	4
Ada	36	20	16	33	-	-	-	3	-	4
Adams	-	-	-	-	-	-	-	-	-	-
Bannock	13	7	6	11	-	1	-	-	1	-
Bear Lake	2	1	1	2	-	-	-	-	-	1
Benewah	1	1	-	1	-	-	-	-	-	-
Bingham	2	-	2	2	-	-	-	-	-	-
Blaine	5	-	5	5	-	-	-	-	-	3
Boise	-	-	-	-	-	-	-	-	-	-
Bonner	3	2	1	3	-	-	-	-	-	-
Bonneville	8	4	4	8	-	-	-	-	-	-
Boundary	-	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	21	8	13	20	-	-	-	1	-	5
Caribou	1	1	-	1	-	-	-	-	-	-
Cassia	3	2	1	3	-	-	-	-	-	1
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	4	3	1	3	1	-	-	-	-	-
Franklin	-	-	-	-	-	-	-	-	-	-
Fremont	3	1	2	3	-	-	-	-	-	3
Gem	2	2	-	2	-	-	-	-	-	-
Gooding	1	1	-	1	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-
Jefferson	4	4	-	3	-	-	-	1	-	1
Jerome	3	1	2	3	-	-	-	-	-	3
Kootenai	4	1	3	4	-	-	-	-	-	-
Latah	4	2	2	4	-	-	-	-	-	-
Lemhi	-	-	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-	-
Madison	2	1	1	2	-	-	-	-	-	-
Minidoka	1	-	1	-	-	-	-	1	-	1
Nez Perce	2	1	1	2	-	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	2	2	-	2	-	-	-	-	-	-
Payette	2	1	1	2	-	-	-	-	-	-
Power	-	-	-	-	-	-	-	-	-	-
Shoshone	1	1	-	1	-	-	-	-	-	-
Teton	-	-	-	-	-	-	-	-	-	-
Twin Falls	7	2	5	7	-	-	-	-	-	1
Valley	-	-	-	-	-	-	-	-	-	-
Washington	1	1	-	1	-	-	-	-	-	-

* Race and Hispanic origin are reported separately on the death certificate. Persons of Hispanic origin are included in appropriate race totals.

IDAHO RESIDENT INFANT DEATHS
Cause of Death by Neonatal and Postneonatal Periods
2003

CAUSE OF DEATH ¹	IDAHO						U.S. 2002 Rate ² (Final)	
	Total		Neonatal		Postneonatal			
	Number	Rate ²	Number	Rate ²	Number	Rate ²		
ALL CAUSES	138	633.2	82	376.3	56	257.0	697.5	
Influenza and pneumonia	1	4.6	-	-	1	4.6	6.5	
Congenital malformations, deformations and chromosomal abnormalities ³	35	160.6	27	123.9	8	36.7	139.9	
Total, Certain conditions originating in the perinatal period	48	220.2	47	215.7	1	4.6	351.0	
Newborn affected by maternal complications of pregnancy	6	27.5	6	27.5	-	-	42.5	
Newborn affected by complications of placenta, cord and membranes	8	36.7	8	36.7	-	-	25.6	
Disorders related to short gestation and unspecified low birth weight	9	41.3	9	41.3	-	-	117.3	
Birth trauma	-	-	-	-	-	-	8.6	
Intrauterine hypoxia and birth asphyxia	3	13.8	2	9.2	1	4.6	14.5	
Respiratory distress of newborn	4	18.4	4	18.4	-	-	23.5	
Infections specific to the perinatal period	-	-	-	-	-	-	23.6	
Other conditions originating in the perinatal period	18	82.6	18	82.6	-	-	95.5	
Sudden infant death syndrome	19	87.2	2	9.2	17	78.0	57.1	
Accidents	10	45.9	1	4.6	9	41.3	23.5	
All other causes (residual)	25	114.7	5	22.9	20	91.8	119.4	

1. Beginning in 1999, data by cause of death are based on ICD-10 codes. Data by cause of death based on ICD-10 are not comparable to data based on ICD-9 codes without comparability ratios based on Modified ICD-9 codes. See Technical Notes.
2. Rates in this chart are cause-specific (number per 100,000 live births).
3. Congenital malformations, deformations, and chromosomal abnormalities is a new term in ICD-10; cause was termed Congenital anomalies in ICD-9.

IDAHO RESIDENT INFANT DEATHS
Neonatal and Postneonatal Deaths by Age of Mother
2003

AGE OF MOTHER (At time of infant's birth)	TOTAL		NEONATAL		POSTNEONATAL	
	Number	Rate	Number	Rate	Number	Rate
TOTAL	138	6.3	82	3.8	56	2.6
<15	-	-	-	-	-	-
15-19	20	9.6	11	5.3	9	4.3
15-17	8	14.7	3	5.5	5	9.2
18-19	12	7.8	8	5.2	4	2.6
20-34	98	5.6	59	3.3	39	2.2
35+	19	9.2	11	5.3	8	3.9
Unknown	1	NA	1	NA	-	NA

Rates in this chart are per 1,000 live births in corresponding mother's age group at time of infant's birth.

IDAHO RESIDENT INFANT DEATHS
Causes of Infant Deaths
2003

RESIDENCE	TOTAL INFANT DEATHS		CAUSE OF INFANT DEATH						
			Congenital malformations ²	Short Gestation / Unspecified Low Birth Weight	Respiratory Distress of Newborn	All Other Conditions Originating in Perinatal Period	SIDS	External Causes	All Other Causes
	Number	Rate ¹							
IDAHO	138	6.3	35	9	4	35	19	13	23
District 1	9	4.0	1	-	-	2	1	2	3
District 2	6	5.4	4	1	-	-	-	1	-
District 3	28	7.3	6	3	1	7	3	2	6
District 4	40	6.9	13	2	1	12	5	2	5
District 5	20	7.3	4	1	2	1	2	3	7
District 6	18	6.3	3	-	-	4	7	2	2
District 7	17	5.3	4	2	-	9	1	1	-
Ada	36	7.0	12	1	1	11	4	2	5
Adams	-	-	-	-	-	-	-	-	-
Bannock	13	8.9	2	-	-	3	6	1	1
Bear Lake	2	26.0	1	-	-	-	-	-	1
Benewah	1	8.6	-	-	-	1	-	-	-
Bingham	2	2.6	-	-	-	1	-	1	-
Blaine	5	18.8	-	-	-	-	1	1	3
Boise	-	-	-	-	-	-	-	-	-
Bonner	3	8.1	-	-	-	1	-	1	1
Bonneville	8	4.8	2	1	-	4	-	1	-
Boundary	-	-	-	-	-	-	-	-	-
Butte	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-
Canyon	21	7.1	6	2	1	5	2	2	3
Caribou	1	8.8	-	-	-	-	1	-	-
Cassia	3	7.8	1	-	1	1	-	-	-
Clark	-	-	-	-	-	-	-	-	-
Clearwater	-	-	-	-	-	-	-	-	-
Custer	-	-	-	-	-	-	-	-	-
Elmore	4	7.1	1	1	-	1	1	-	-
Franklin	-	-	-	-	-	-	-	-	-
Fremont	3	13.3	1	-	-	2	-	-	-
Gem	2	9.6	-	1	-	-	-	-	1
Gooding	1	3.9	-	-	-	-	-	-	1
Idaho	-	-	-	-	-	-	-	-	-
Jefferson	4	10.6	-	-	-	3	1	-	-
Jerome	3	9.1	-	1	-	-	-	2	-
Kootenai	4	2.6	1	-	-	-	-	1	2
Latah	4	10.1	3	-	-	-	-	1	-
Lemhi	-	-	-	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	-	-	-
Lincoln	-	-	-	-	-	-	-	-	-
Madison	2	3.0	1	1	-	-	-	-	-
Minidoka	1	2.9	1	-	-	-	-	-	-
Nez Perce	2	4.5	1	1	-	-	-	-	-
Oneida	-	-	-	-	-	-	-	-	-
Owyhee	2	11.4	-	-	-	1	-	-	1
Payette	2	6.2	-	-	-	1	1	-	-
Power	-	-	-	-	-	-	-	-	-
Shoshone	1	7.8	-	-	-	-	1	-	-
Teton	-	-	-	-	-	-	-	-	-
Twin Falls	7	6.6	2	-	1	-	1	-	3
Valley	-	-	-	-	-	-	-	-	-
Washington	1	8.4	-	-	-	-	-	-	1

1. Infant death rate: Number of deaths of infants under one year of age per 1,000 live births.

2. Shortened ICD-10 title for Congenital malformations, deformations and chromosomal abnormalities.

IDAHO RESIDENT INFANT DEATHS
Neonatal and Postneonatal
2003

RESIDENCE	TOTAL LIVE BIRTHS	INFANT DEATHS					
		Total		Neonatal		Postneonatal	
		Number	Rate	Number	Rate	Number	Rate
U.S. Rates (2003 Preliminary)			6.9		4.7		2.3
IDAHO	21,794	138	6.3	82	3.8	56	2.6
District 1	2,266	9	4.0	4	1.8	5	2.2
District 2	1,102	6	5.4	4	3.6	2	1.8
District 3	3,814	28	7.3	17	4.5	11	2.9
District 4	5,824	40	6.9	26	4.5	14	2.4
District 5	2,727	20	7.3	7	2.6	13	4.8
District 6	2,852	18	6.3	9	3.2	9	3.2
District 7	3,209	17	5.3	15	4.7	2	0.6
Ada	5,108	36	7.0	22	4.3	14	2.7
Adams	32	-	-	-	-	-	-
Bannock	1,465	13	8.9	7	4.8	6	4.1
Bear Lake	77	2	26.0	1	13.0	1	13.0
Benewah	116	1	8.6	1	8.6	-	-
Bingham	765	2	2.6	1	1.3	1	1.3
Blaine	266	5	18.8	2	7.5	3	11.3
Boise	74	-	-	-	-	-	-
Bonner	369	3	8.1	1	2.7	2	5.4
Bonneville	1,671	8	4.8	7	4.2	1	0.6
Boundary	135	-	-	-	-	-	-
Butte	41	-	-	-	-	-	-
Camas	13	-	-	-	-	-	-
Canyon	2,956	21	7.1	13	4.4	8	2.7
Caribou	113	1	8.8	-	-	1	8.8
Cassia	386	3	7.8	2	5.2	1	2.6
Clark	19	-	-	-	-	-	-
Clearwater	77	-	-	-	-	-	-
Custer	30	-	-	-	-	-	-
Elmore	560	4	7.1	4	7.1	-	-
Franklin	200	-	-	-	-	-	-
Fremont	225	3	13.3	3	13.3	-	-
Gem	208	2	9.6	2	9.6	-	-
Gooding	259	1	3.9	-	-	1	3.9
Idaho	139	-	-	-	-	-	-
Jefferson	378	4	10.6	3	7.9	1	2.6
Jerome	331	3	9.1	1	3.0	2	6.0
Kootenai	1,517	4	2.6	2	1.3	2	1.3
Latah	397	4	10.1	2	5.0	2	5.0
Lemhi	78	-	-	-	-	-	-
Lewis	43	-	-	-	-	-	-
Lincoln	72	-	-	-	-	-	-
Madison	666	2	3.0	2	3.0	-	-
Minidoka	343	1	2.9	-	-	1	2.9
Nez Perce	446	2	4.5	2	4.5	-	-
Oneida	58	-	-	-	-	-	-
Owyhee	175	2	11.4	1	5.7	1	5.7
Payette	324	2	6.2	1	3.1	1	3.1
Power	133	-	-	-	-	-	-
Shoshone	129	1	7.8	-	-	1	7.8
Teton	142	-	-	-	-	-	-
Twin Falls	1,057	7	6.6	2	1.9	5	4.7
Valley	82	-	-	-	-	-	-
Washington	119	1	8.4	-	-	1	8.4

Infant death rate: Number of deaths of infants under one year of age per 1,000 live births.

IDAHO RESIDENT INFANT DEATHS
Three-Year Rates
1992-1994 Through 2001-2003

RESIDENCE	2001-03	2000-02	1999-01	1998-00	1997-99	1996-98	1995-97	1994-96	1993-95	1992-94
IDAHO	6.2	6.6	6.8	7.2	6.9	7.2	6.8	6.8	6.7	7.6
District 1	5.9	7.1	8.1	8.3	7.9	7.7	7.0	7.7	8.2	8.7
District 2	4.9	4.7	7.4	7.3	8.1	7.6	7.3	7.3	6.4	8.3
District 3	7.0	7.3	6.8	7.3	6.8	7.2	6.5	6.6	7.6	9.0
District 4	5.9	5.9	5.7	6.1	5.4	5.2	4.8	5.0	5.5	7.1
District 5	7.2	8.5	8.9	10.2	8.7	9.1	7.9	8.8	8.0	8.0
District 6	6.1	5.8	5.8	6.1	7.3	8.8	8.7	8.0	6.0	6.0
District 7	5.8	6.5	6.8	6.2	6.8	6.6	7.4	5.9	6.2	6.9
Ada	5.8	5.8	5.5	5.8	4.9	4.7	4.5	4.5	5.2	7.2
Adams	-	-	-	-	12.3	12.3	12.0	-	7.9	7.5
Bannock	7.3	6.5	6.5	6.4	6.5	7.6	7.7	7.5	6.1	5.4
Bear Lake	8.3	-	-	3.9	4.3	4.2	4.0	3.8	3.7	-
Benewah	5.8	8.6	11.2	17.5	11.7	6.1	5.8	5.7	8.3	2.8
Bingham	4.9	5.7	5.3	5.9	6.6	9.5	9.0	9.6	7.2	8.0
Blaine	10.9	7.4	8.2	5.9	4.4	6.0	4.6	3.2	1.6	3.1
Boise	-	-	4.4	9.2	8.7	8.8	4.3	14.5	11.8	13.6
Bonner	9.5	8.6	7.1	7.3	7.4	8.0	6.1	7.0	9.2	10.3
Bonneville	4.3	4.7	6.3	6.5	7.4	6.4	7.2	5.7	5.7	6.3
Boundary	2.6	2.6	2.6	-	-	2.8	5.4	8.2	5.4	2.8
Butte	8.0	8.5	9.2	-	18.2	17.9	16.5	6.8	6.5	6.5
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	6.8	6.4	6.4	6.8	6.9	7.0	5.5	5.8	6.8	9.2
Caribou	3.2	3.3	6.0	6.2	6.5	7.3	13.6	12.9	8.8	8.8
Cassia	7.8	8.6	9.3	7.7	6.0	4.3	6.1	8.0	7.9	6.7
Clark	-	-	-	-	-	-	-	-	-	-
Clearwater	4.5	4.7	9.0	4.2	3.9	-	-	-	-	7.0
Custer	-	-	-	-	15.3	12.8	12.9	-	-	-
Elmore	7.0	6.5	7.7	7.8	8.3	7.9	7.5	8.3	7.0	5.6
Franklin	7.8	9.3	7.8	9.6	19.0	18.2	15.0	7.0	5.3	5.4
Fremont	12.5	9.8	3.3	3.4	5.1	8.8	8.7	8.7	5.1	11.9
Gem	6.6	3.4	1.7	5.1	5.1	6.7	9.1	13.1	11.7	11.3
Gooding	7.2	9.0	6.1	10.2	7.4	10.6	8.1	10.3	7.0	7.0
Idaho	2.2	6.3	6.5	11.1	8.8	10.9	6.3	6.0	4.0	5.7
Jefferson	10.2	9.4	9.5	5.7	6.8	7.8	9.0	8.0	7.7	8.6
Jerome	5.1	5.2	6.1	8.1	7.5	10.0	9.4	9.7	7.4	8.6
Kootenai	4.9	6.2	7.5	7.7	7.8	8.4	7.4	7.9	8.0	9.4
Latah	7.1	3.9	6.4	4.7	7.0	6.9	8.4	6.9	5.3	6.8
Lemhi	4.6	15.5	14.9	9.8	-	-	7.0	10.3	17.5	10.8
Lewis	-	-	-	-	8.8	8.5	8.3	-	-	7.1
Lincoln	4.8	4.7	-	-	-	6.7	6.6	13.2	7.0	14.6
Madison	5.7	7.1	7.0	5.7	6.7	6.7	6.3	3.1	3.9	4.4
Minidoka	11.1	15.1	19.2	16.2	14.3	8.9	3.7	5.6	8.1	8.1
Nez Perce	4.4	5.2	9.0	9.7	9.5	8.8	8.1	10.3	10.4	11.2
Oneida	-	-	-	-	-	7.0	6.9	7.2	-	-
Owyhee	10.9	14.7	9.2	13.3	11.6	15.6	11.8	8.0	8.0	8.1
Payette	8.5	11.9	9.9	8.9	6.9	6.6	9.2	7.8	9.1	7.9
Power	-	-	3.0	3.0	2.7	5.1	4.7	5.1	-	5.6
Shoshone	10.6	14.9	18.0	16.7	12.2	6.1	7.9	9.4	9.1	9.3
Teton	4.8	10.1	8.2	12.2	6.7	3.4	3.6	7.2	15.6	12.9
Twin Falls	5.6	7.9	7.6	11.3	10.0	11.4	10.8	11.0	10.1	9.5
Valley	4.4	9.7	9.7	16.2	9.3	8.9	4.1	4.2	4.1	7.5
Washington	5.2	12.0	11.5	9.3	-	-	5.0	7.7	10.2	8.1

Three-year infant death rate: number of deaths to infants under one year in three-year period per 1,000 live births in corresponding three-year period.

IDAHO RESIDENT STILLBIRTHS
Number of Stillbirths and Ratios
1999-2003

RESIDENCE	2003		2002		2001		2000		1999	
	Number	Ratio								
IDAHO	107	4.9	96	4.6	123	5.9	117	5.8	113	5.7
District 1	7	3.1	8	3.6	13	5.7	10	4.4	17	7.5
District 2	9	8.2	5	4.2	7	6.1	8	7.3	5	4.4
District 3	25	6.6	15	4.0	27	7.5	31	9.3	24	7.5
District 4	25	4.3	19	3.4	24	4.4	27	4.9	31	5.7
District 5	12	4.4	22	8.6	14	5.3	15	5.8	11	4.4
District 6	14	4.9	7	2.5	14	5.1	14	5.0	14	5.1
District 7	15	4.7	20	6.8	24	8.6	12	4.5	11	4.2
Ada	20	3.9	15	3.0	22	4.6	19	3.9	27	5.7
Adams	-	-	-	-	-	-	-	-	1	38.5
Bannock	4	2.7	4	2.8	7	5.1	9	6.5	8	5.8
Bear Lake	2	26.0	-	-	1	13.7	-	-	2	25.3
Benewah	-	-	-	-	1	8.4	-	-	3	24.6
Bingham	6	7.8	1	1.3	5	6.6	5	6.3	4	5.6
Blaine	-	-	3	10.5	1	3.6	2	8.2	2	9.3
Boise	-	-	1	19.6	-	-	-	-	-	-
Bonner	2	5.4	1	2.5	3	7.6	2	5.4	-	-
Bonneville	7	4.2	15	9.6	14	9.6	9	6.4	5	3.6
Boundary	-	-	1	7.5	-	-	1	7.4	2	15.7
Butte	-	-	-	-	-	-	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	19	6.4	10	3.4	25	9.2	18	7.2	16	6.7
Caribou	1	8.8	1	10.1	-	-	-	-	-	-
Cassia	2	5.2	1	2.7	1	2.6	2	4.9	1	2.6
Clark	-	-	1	83.3	-	-	-	-	1	55.6
Clearwater	-	-	1	14.9	-	-	-	-	1	13.3
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	5	8.9	3	6.0	2	3.9	7	13.3	2	3.8
Franklin	1	5.0	-	-	1	4.7	-	-	-	-
Fremont	-	-	-	-	3	14.2	-	-	-	-
Gem	2	9.6	3	16.2	-	-	3	16.7	1	5.1
Gooding	4	15.4	2	8.5	-	-	2	8.5	-	-
Idaho	1	7.2	1	6.0	-	-	-	-	-	-
Jefferson	1	2.6	-	-	2	5.6	1	2.7	-	-
Jerome	-	-	2	6.3	1	3.1	2	6.1	2	6.0
Kootenai	5	3.3	6	4.1	9	5.9	7	4.6	10	6.7
Latah	3	7.6	1	2.2	3	7.2	6	14.5	4	9.6
Lemhi	1	12.8	1	16.1	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	1	23.8	-	-
Lincoln	-	-	1	15.2	-	-	-	-	1	15.4
Madison	5	7.5	3	5.0	5	9.9	-	-	5	10.8
Minidoka	4	11.7	4	13.3	3	8.6	2	5.8	2	5.8
Nez Perce	5	11.2	2	4.3	4	8.6	1	2.4	-	-
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	1	5.7	-	-	1	5.1	-	-	2	11.6
Payette	3	9.3	2	6.7	-	-	9	29.7	4	14.3
Power	-	-	1	8.9	-	-	-	-	-	-
Shoshone	-	-	-	-	-	-	-	-	2	12.7
Teton	1	7.0	-	-	-	-	2	16.5	-	-
Twin Falls	2	1.9	9	9.4	8	7.9	5	5.3	3	3.2
Valley	-	-	-	-	-	-	1	16.7	2	28.6
Washington	-	-	-	-	1	7.8	1	6.5	-	-

Stillbirth ratio: Number of stillbirths per 1,000 live births.

IDAHO RESIDENT PERINATAL DEATHS
Number of Perinatal Deaths and Ratios
1999-2003

RESIDENCE	2003		2002		2001		2000		1999	
	Number	Ratio								
IDAHO	175	8.0	167	8.0	193	9.3	211	10.4	192	9.7
District 1	11	4.9	15	6.7	18	7.9	20	8.7	29	12.9
District 2	13	11.8	7	5.9	12	10.4	11	10.0	14	12.3
District 3	39	10.2	32	8.6	37	10.3	45	13.5	34	10.6
District 4	45	7.7	39	7.0	39	7.1	57	10.3	53	9.8
District 5	16	5.9	28	11.0	24	9.1	33	12.7	17	6.8
District 6	21	7.4	15	5.4	25	9.2	23	8.3	26	9.5
District 7	30	9.3	31	10.5	38	13.6	22	8.2	19	7.2
Ada	36	7.0	33	6.7	33	6.8	47	9.7	45	9.5
Adams	-	-	-	-	-	-	-	-	1	38.5
Bannock	9	6.1	8	5.6	14	10.2	14	10.2	15	10.8
Bear Lake	3	39.0	-	-	1	13.7	-	-	2	25.3
Benewah	1	8.6	1	9.0	1	8.4	2	17.1	5	41.0
Bingham	7	9.2	2	2.7	6	8.0	7	8.8	6	8.4
Blaine	1	3.8	3	10.5	2	7.2	4	16.4	2	9.3
Boise	-	-	1	19.6	-	-	-	-	-	-
Bonner	3	8.1	2	5.1	3	7.6	3	8.1	2	5.5
Bonneville	14	8.4	18	11.5	18	12.3	15	10.6	10	7.2
Boundary	-	-	1	7.5	-	-	1	7.4	2	15.7
Butte	-	-	-	-	1	22.7	-	-	-	-
Camas	-	-	-	-	-	-	-	-	-	-
Canyon	30	10.1	21	7.2	33	12.1	26	10.4	25	10.5
Caribou	1	8.8	1	10.1	-	-	1	9.7	1	7.7
Cassia	3	7.8	3	8.0	3	7.8	3	7.4	1	2.6
Clark	-	-	1	83.3	-	-	-	-	1	55.6
Clearwater	-	-	1	14.9	-	-	-	-	1	13.3
Custer	-	-	-	-	-	-	-	-	-	-
Elmore	9	16.1	5	10.0	5	9.8	9	17.1	6	11.5
Franklin	1	5.0	3	13.1	3	14.0	1	5.0	2	8.7
Fremont	3	13.3	3	14.6	3	14.2	-	-	-	-
Gem	3	14.4	4	21.6	-	-	3	16.7	1	5.1
Gooding	4	15.4	3	12.8	-	-	4	17.0	1	4.5
Idaho	1	7.2	1	6.0	1	6.5	1	6.5	-	-
Jefferson	4	10.6	1	2.9	7	19.8	1	2.7	1	3.0
Jerome	1	3.0	2	6.3	2	6.3	5	15.2	4	11.9
Kootenai	7	4.6	10	6.8	14	9.2	12	8.0	16	10.8
Latah	5	12.6	2	4.4	5	12.0	6	14.5	8	19.3
Lemhi	1	12.8	1	16.1	-	-	-	-	-	-
Lewis	-	-	-	-	-	-	1	23.8	-	-
Lincoln	-	-	1	15.2	-	-	-	-	1	15.4
Madison	7	10.5	6	10.1	10	19.9	2	4.3	7	15.1
Minidoka	4	11.7	5	16.6	9	25.7	6	17.4	4	11.6
Nez Perce	7	15.7	3	6.5	6	13.0	3	7.2	5	11.0
Oneida	-	-	-	-	-	-	-	-	-	-
Owyhee	2	11.4	3	16.9	1	5.1	3	17.5	2	11.6
Payette	4	12.3	4	13.5	1	3.1	12	39.6	5	17.9
Power	-	-	1	8.9	-	-	-	-	-	-
Shoshone	-	-	1	8.6	-	-	2	12.8	4	25.3
Teton	1	7.0	1	7.4	-	-	4	33.1	-	-
Twin Falls	3	2.8	11	11.5	8	7.9	11	11.6	4	4.3
Valley	-	-	-	-	1	13.2	1	16.7	2	28.6
Washington	-	-	-	-	2	15.5	1	6.5	-	-

Perinatal death ratio: Number of stillbirths plus deaths of infants under 7 days of age per 1,000 live births.

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